

LMM-Bio delivered for launch on ULF-5.

Light Microscopy Module (LMM) Biological technical demonstration (LMM-Bio)
The Light Microscopy Module (LMM) Biological technical demonstration (LMM-Bio) was delivered and handed over for the November 2, 2010, launch opportunity at L-24 hours at Kennedy Space Center (KSC). The Science Team is from Ames (Dr. Jacob Cohen and Diana Ly), The Engineering team is from ZIN Technologies (Clarise Shinn, Chris Rogers, Cathy Frey (BCAT)) and the management team (Tom St. Onge and Ron Sicker from MAHO at NASA Glenn). The demonstration consists of six varieties of *c. Elegans* (nematodes, small round worms). One of the varieties is the descendent of the experiment that survived re-entry on STS-107. Performing biological experiments using the LMM is one of the original design goals that was deferred until LMM was operational on ISS. With the successful completion of the first set of thermo-physics and fluid experiments (Constrained Vapor Bubble) the LMM is expected to provide capabilities to the NASA Life Science community along with additional physical science experiments. (POC: MAH/Ronald Sicker, (216) 433-6498)



Dr. Jacob Cohen, Cathy Frey, Tom St. Onge, Ronald Sicker holding LMM-Bio Experiment, Chris Rodgers, Diana Ly, Clarise Shinn